Index to Volume 40

1445 **Ague, J. J. & Rye, D. M.** Simple Models of CO_2 Release from Metacarbonates with Implications for Interpretation of Directions and Magnitudes of Fluid Flow in the Deep Crust
909 **Andersen, T.,** *see* Knudsen, T.-L.
983 **Anderson, J. L.,** *see* Tate, M. C.
497 **Arai, R.,** *see* Tatsumi, Y.
1747 **Armstrong, R. A.,** *see* Robb, L. J.
475 **Asimow, P. D. & Stolper, E. M.** Steady-state Mantle—Melt Interactions in One Dimension: I. Equilibrium Transport and Melt Focusing
831 **Asimow, P. D.,** *see* Hirschmann, M. M.
935 **Aspen, P.,** *see* Upton, B. G. J.
1465 **Barbero, L.,** *see* Villaseca, C.
1425 **Barbey, P., Marignac, C., Montel, J. M., Macaudière, J., Gasquet, D. & Jabbori, J.** Cordierite Growth Textures and the Conditions of Genesis and Emplacement of Crustal Granitic Magmas: the Velay Granite Complex (Massif Central, France)
1647 **Barnes, S.-J.,** *see* Maier, W. D.
853 **Baumgartner, L. P.,** *see* Gerdes, M. L.
315 **Becker, H., Wenzel, T. & Volker, F.** Geochemistry of Glimmerite Veins in Peridotites from Lower Austria—Implications for the Origin of K-rich Magmas in Collision Zones
1853 **Bédard, J. H.** Petrogenesis of Boninites from the Betts Cove Ophiolite, Newfoundland, Canada: Identification of Subducted Source Components
549 **Bell, B. R.,** *see* Preston, R. J.
1699 **Berger, A. & Kalt, A.** Structures and Melt Fractions as Indicators of Rheology in Cordierite-Bearing Migmatites of the Bayerische Wald (Variscan Belt, Germany)
601 **Berger, A.,** *see* Kalt, A.
1065 **Bhui, U. K.,** *see* Sengupta, P.
807 **Bindeman, I. N., Davis, A. M. & Wickham, S. M.** 400 my of Basic Magmatism in a Single Lithospheric Block during Cratonization: Ion Microprobe Study of Plagioclase Megacrysts in Mafic Rocks from Transbaikalia, Russia
1037 **Bird, D. K.,** *see* Brandriss, M. E.
601 **Blümel, P.,** *see* Kalt, A.
729 **Bodinier, J.-L.,** *see* Garrido, C. J.
1509 **Bodnar, R. J.,** *see* Student, J. J.
1553 **Bodorkos, S.,** *see* Oliver, N. H. S.
133 **Bonadiman, C.,** *see* Coltorti, M.
755 **Boudreau, A.** Fluid Fluxing of Cumulates: the J-M Reef and Associated Rocks of the Stillwater Complex, Montana
1037 **Brandriss, M. E. & Bird, D. K.** Effects of H_2O on Phase Relations during Crystallization of Gabbros in the Kap Edvard Holm Complex, East Greenland
1771 **Chamberlain, K. R.,** *see* Frost, C. D.
413 **Chappell, B. W.,** *see* White, A. J. R.
105 **Clynne, M. A.** A Complex Magma Mixing Origin for Rocks Erupted in 1915, Lassen Peak, California
787 **Clynne, M. A.,** *see* Tepley III, F. J.
3 **Coath, C. D.,** *see* Harrison, T. M.
133 **Coltorti, M., Bonadiman, C., Hinton, R. W., Siena, F. & Upton, B. G. J.** Carbonatite Metasomatism of the Oceanic Upper Mantle: Evidence from Clinopyroxenes and Glasses in Ultramafic Xenoliths of Grande Comore, Indian Ocean
79 **Cookenboo, H.,** *see* Kopylova, M. G.
1721 **Cottin, J.-Y.,** *see* Mattielli, N.
1673 **Dall'Agnoll, R., Scaillet, B. & Pichavant, M.** An Experimental Study of a Lower Proterozoic A-type Granite from the Eastern Amazonian Craton, Brazil
1343 **Danyushevsky, L. V.,** *see* Falloon, T. J.
1065 **Dasgupta, S.,** *see* Sengupta, P.
773 **Davidson, J. P.,** *see* Knesel, K. M.
787 **Davidson, J. P.,** *see* Tepley III, F. J.
705 **Davies, R.,** *see* Griffin, W. L.
807 **Davis, A. M.,** *see* Bindeman, I. N.
199 **De Capitani, C.,** *see* Meyre, C.
1151 **Debon, F. & Lemmet, M.** Evolution of Mg/Fe Ratios in Late Variscan Plutonic Rocks from the External Crystalline Massifs of the Alps (France, Italy, Switzerland)
1803 **Del Moro, A., Martin, S. & Prosser, G.** Migmatites of the Ulten Zone (NE Italy), a Record of Melt Transfer in Deep Crust
549 **Dempster, T. J.,** *see* Preston, R. J.

873 **Donaldson, C. H.,** *see* Kerr, A. C.
1465 **Downes, H.,** *see* Villaseca, C.
705 **Doyle, B. J.,** *see* Griffin, W. L.
339 **Duchesne, J.-C.,** *see* Longhi, J.
773 **Duffield, W. A.,** *see* Knesel, K. M.
1771 **Edwards, B. R.,** *see* Frost, C. D.
1065 **Ehl, J.,** *see* Sengupta, P.
381 **Evans, B. W.,** *see* Scaillet, B.
1343 **Falloon, T. J., Green, D. H., Danyushevsky, L. V. & Faul, U. H.** Peridotic Melting at 10 and 15 GPa: an Experimental Evaluation of Techniques using Diamond Aggregates and Mineral Mixes for Determination of Near-solidus Melts
255 **Falloon, T. J., Green, D. H., Jacques, A. L. & Hawkins, J. W.** Refractory Magmas in Back-Arc Basin Settings—Experimental Constraints on the Petrogenesis of a Lau basin Example
983 **Fanning, C. M.,** *see* Tate, M. C.
653 **Farmer, G. L.,** *see* Verplanck, P. L.
1343 **Faul, U. H.,** *see* Falloon, T. J.
1301 **Feldstein, S. N. & Lange, R. A.** Pliocene Potassic Magmas from the Kings River Region, Sierra Nevada, California: Evidence for Melting of a Subduction-Modified Mantle
935 **Finch, A.,** *see* Upton, B. G. J.
679 **Fisher, N. I.,** *see* Griffin, W. L.
1613 **Förster, H.-J., Tischendorf, G., Trumbull, R. B. & Gottesmann, B.** Late-Collisional Granites in the Variscan Erzgebirge, Germany
339 **Fram, M. S.,** *see* Longhi, J.
1399 **Frank, W.,** *see* Miller, C.
1527 **Franz, G.,** *see* Lucassen, F.
1827 **Frey, F. A.,** *see* Takazawa, E.
199 **Frey, M.,** *see* Meyre, C.
679 **Friedman, J.,** *see* Griffin, W. L.
1771 **Frost, B. R.,** *see* Frost, C. D.
61 **Frost, B. R.,** *see* Markl, G.
1771 **Frost, C. D., Frost, B. R., Chamberlain, K. R. & Edwards, B. R.** Petrogenesis of the 143 Ga Sherman Batholith, SE Wyoming, USA: a Reduced, Rapakivi-type Anorogenic Granite
1321 **Garcia, M. O.,** *see* Pietruszka, A. J.
1891 **Gardeweg, M. C.,** *see* Matthews, S. J.
729 **Garrido, C. J. & Bodinier, J.-L.** Diversity of Mafic Rocks in the Ronda Peridotite: Evidence for Pervasive Melt—Rock Reaction during Heating of Subcontinental Lithosphere by Upwelling Asthenosphere
215 **Garrido, M. G.,** *see* London, D.
1425 **Gasquet, D.,** *see* Barbey, P.
1011 **George, R. M. M.,** *see* Turner, S. P.
853 **Gerdes, M. L., Baumgartner, L. P. & Valley, J. W.** Stable Isotopic Evidence for Limited Fluid Flow through Dolomitic Marble in the Adamello Contact Aureole, Cima Uzza, Italy
297 **Ghiorso, M. S.,** *see* Hirschmann, M. M.
831 **Ghiorso, M. S.,** *see* Hirschmann, M. M.
1721 **Giret, A.,** *see* Mattielli, N.
1613 **Gottesmann, B.,** *see* Förster, H.-J.
1721 **Grégoire, M.,** *see* Mattielli, N.
255 **Green, D. H.,** *see* Falloon, T. J.
1343 **Green, D. H.,** *see* Falloon, T. J.
705 **Griffin, W. L., Doyle, B. J., Ryan, C, G., Pearson, N. J., O'Reilly, S. Y., Davies, R., Kivi, K., Van Achterbergh, E. & Natapov, L. M.** Layered Mantle Lithosphere in the Lac de Gras Area, Slave Craton: Composition, Structure and Origin
679 **Griffin, W. L., Fisher, N. I., Friedman, J., Ryan, C. G. & O'Reilly, S. Y.** Cr-Pyrope Garnets in the Lithospheric Mantle. I. Compositional Systematics and Relations to tectonic Setting
1125 **Griffin, W. L.,** *see* Guo, J.
957 **Gros, M.,** *see* Lorand, J.-P.
3 **Grove, M.,** *see* Harrison, T. M.
363 **Grundvig, S.,** *see* Tegner, C.
1125 **Guo, J., Griffin, W. L. & O'Reilly, S. Y.** Geochemistry and Origin of Sulphide Minerals in Mantle Xenoliths: Qilin, Southeastern China
525 **Harmer, R. E.** The Petrogenetic Association of Carbonatite and Alkaline Magmatism: Constraints from the Spitskop Complex, South Africa
1377 **Harris, C., Marsh, J. S. & Milner, S. C.** Petrology of the Alkaline Core of the Messum Igneous Complex, Namibia: Evidence for the Progressively Decreasing Effect of Crustal Contamination

3 **Harrison, T. M., Grove, M., McKeegan, K. D., Coath, C. D., Lovera, O. M. & Le Fort, P.** Origin and Episodic Emplacement of the Manaslu Intrusive Complex, Central Himalaya
451 **Hawkesworth, C. J.,** *see* Peate, D. W.
255 **Hawkins, J. W.,** *see* Falloon, T. J.
133 **Hinton, R. W.,** *see* Coltorti, M.
935 **Hinton, R. W.,** *see* Upton, B. G. J.
831 **Hirschmann, M. M., Asimow, P. D., Ghiorso, M. S. & Stolper, E. M.** Calculation of Peridotite Partial Melting from Thermodynamic Models of Minerals and Melts. III. Controls on Isobaric Melt Production and the Effect of Water on Melt Production
297 **Hirschmann, M. M., Ghiorso, M. S. & Stolper, E. M.** Calculation of Peridotite Partial Melting from Thermodynamic Models of Minerals and Melts. II. Isobaric Variations in Melts near the Solidus and owing to variable Source Composition
1241 **Hoernes, S.,** *see* Jung, S.
279 **Hoernle, K. A.,** *see* Widom, E.
1241 **Hoffer, E.,** *see* Jung, S.
1271 **Hort, M., Marsh, B. D., Resmini, R. G. & Smith, M. K.** Convection and Crystallization in a Liquid Cooled from above: an Experimental and Theoretical Study
497 **Ishizaka, K.,** *see* Tatsumi, Y.
1425 **Jabbori, J.,** *see* Barbey, P.
255 **Jacques, A. L.,** *see* Falloon, T. J.
423 **James, R. S.,** *see* Vogel, D. C.
983 **Johnson, S. E.,** *see* Tate, M. C.
1241 **Jung, S., Hoernes, S., Masberg, P. & Hoffer, E.** The Petrogenesis of Some Migmatites and Granites (Central Damara Orogen, Namibia): Evidence for Disequilibrium Melting, Wall-Rock Contamination and Crystal Fractionation
601 **Kalt, A., Berger, A. & Blümel, P.** Metamorphic Evolution of Cordierite-Bearing Migmatites from the Bayerische Wald (Variscan Belt, Germany)
1699 **Kalt, A.,** *see* Berger, A.
241 **Kaneko, K.,** *see* Koyaguchi, T.
423 **Keays, R. R.,** *see* Vogel, D. C.
1011 **Kelley, S. P.,** *see* Turner, S. P.
1579 **Kempton, P. D.,** *see* Pearce, J. A.
873 **Kent, R. W.,** *see* Kerr, A. C.
873 **Kerr, A. C., Kent, R. W., Thomson, B. A., Seedhouse, J. K. & Donaldson, C. H.** Geochemical Evolution of the Tertiary Mull Volcano, Western Scotland
1553 **Kinny, P. D.,** *see* Oliver, N. H. S.
705 **Kivi, K.,** *see* Griffin, W. L.
1399 **Klötzli, U.,** *see* Miller, C.
773 **Knesel, K. M., Davidson, J. P. & Duffield, W. A.** Evolution of Silicic Magma through Assimilation and Subsequent Recharge: Evidence from Sr Isotopes in Sanidine Phenocrysts, Taylor Creek Rhyolite, NM
909 **Knudsen, T.-L. & Andersen, T.** Petrology and Geochemistry of the Tromoy Gneiss Complex, South Norway, an Alleged Example of Proterozic Depleated Lower Continental Crust
629 **Konzett, J. & Ulmer, P.** The Stability of Hydrous Potassic Phases in Lherzolitic Mantle—an Experimental Study to 95 GPa in Simplified and Natural Bulk Compositions
79 **Kopylova, M. G., Russell, J. K. & Cookenboo, H.** Petrology of Peridotite and Pyroxenite Xenoliths from the Jericho Kimberlite: Implications for the Thermal State of the Mantle beneath the Slave Craton, Northern Canada
241 **Koyaguchi, T. & Kaneko, K.** A Two-stage Thermal Evolution Model of Magmas in Continental Crust
1211 **Kriegsman, L. M. & Schumacher, J. C.** Petrology of Sapphirine-bearing and Associated Granulites from Central Sri Lanka
511 **Kristensen, A. B.,** *see* Zeck, H. P.
1301 **Lange, R. A.,** *see* Feldstein, S. N.
3 **Le Fort, P.,** *see* Harrison, T. M.
1151 **Lemmet, M.,** *see* Debon, F.
215 **London, D., Wolf, M. B., Morgan, G. B. & Garrido, M. G.** Experimental Silicate—Phosphate Equilibria in Peraluminous Granitic Magmas, with a Case Study of the Alburquerque Batholith at Tres Arroyos, Badajoz, Spain
339 **Longhi, J., Vander Auwera, J., Fram, M. S. & Duchesne, J.-C.** Some Phase Equilibrium Constraints on the Origin of Proterozoic (Massif) Anorthosites and Related Rocks
957 **Lorand, J.-P., Pattou, L. & Gros, M.** Fractionation of Platinum-group Elements and Gold in the Upper Mantle: a Detailed Study in Pyrenean Oceanic Lherzolites
3 **Lovera, O. M.,** *see* Harrison, T. M.
1527 **Lucassen, F., Franz, G., Thirlwall, M. F. & Mezger, K.** Crustal Recycling of Metamorphic Basement: Late Palaeozoic Granitoids of Northern Chile (~22°S). Implications for the Composition of the Andean Crust
1425 **Macaudière, J.,** *see* Barbey, P.
1647 **Maier, W. D. & Barnes, S.-J.** Platinum-Group Elements in Silicate Rocks of the Lower, Critical and Main Zones at Union Section, Western Bushveld Complex

451 **Mantovani, M. M. S.,** *see* Peate, D. W.
1425 **Marignac, C.,** *see* Barbey, P.
61 **Markl, G. & Frost, B. R.** The Origin of Anorthosites and Related Rocks from the Lofoten Islands, Northern Norway: II. Calculation of Parental Liquid Composition for Anorthosites
1271 **Marsh, B. D.,** *see* Hort, M.
1377 **Marsh, J. S.,** *see* Harris, C.
1089 **Martí, J.,** *see* Neumann, E.-R.
1803 **Martin, S.,** *see* Del Moro, A.
1241 **Masberg, P.,** *see* Jung, S.
1891 **Matthews, S. J., Sparks, R. S. J. & Gardeweg, M. C.** The Piedras Grandes—Soncor Eruptions, Lascar Volcano, Chile: Evolution of a Zoned Magma Chamber in the Central Andean Upper Crust
1721 **Mattielli, N., Weis, D., Scoates, J. S., Shimizu, N., Mennessier, J.-P., Grégoire, M., Cottin, J.-Y. & Giret, A.** Evolution of Heterogeneous Lithospheric Mantle in a Plume Environment Beneath the Kerguelen Archipelago
653 **McCurry, M.,** *see* Verplanck, P. L.
3 **McKeegan, K. D.,** *see* Harrison, T. M.
1721 **Mennessier, J.-P.,** *see* Mattielli, N.
653 **Mertzman, S. A.,** *see* Verplanck, P. L.
199 **Meyre, C., De Capitani, C., Zack, T. & Frey, M.** Petrology of High-Pressure Metapelites from the Andula Nappe (Central Alps, Switzerland)
1527 **Mezger, K.,** *see* Lucassen, F.
1399 **Miller, C., Schuster, R., Klötzli, U., Frank, W. & Purtscheller, F.** Post-Collisional Potassic and Ultrapotassic Magmatism in SW Tibet: Geochemical and Sr—Nd—Pb—O Isotopic Constraints for Mantle Source Characteristics and Petrogenesis
1377 **Milner, S. C.,** *see* Harris, C.
1089 **Mitjavila, J.,** *see* Neumann, E.-R.
1425 **Montel, J. M.,** *see* Barbey, P.
215 **Morgan, G. B.,** *see* London, D.
511 **Nakamura, E.,** *see* Zeck, H. P.
705 **Natapov, L. M.,** *see* Griffin, W. L.
1553 **Nemchin, A. A.,** *see* Oliver, N. H. S.
1089 **Neumann, E.-R., Wulff-Pedersen, E., Simonsen, S. L., Pearson, N. J., Martí, J. & Mitjavila, J.** Evidence for Fractional Crystallization of Periodically Refilled Magma Chambers in Tenerife, Canary Islands
1195 **Niu, Y.** Comments on Some Misconceptions in Igneous and Experimental Petrology and Methodology: a Reply
1579 **Noble, S. R.,** *see* Pearce, J. A.
983 **Norman, M. D.,** *see* Tate, M. C.
1579 **Nowell, G. M.,** *see* Pearce, J. A.
1011 **Nowell, G.,** *see* Turner, S. P.
679 **O'Reilly, S. Y.,** *see* Griffin, W. L.
705 **O'Reilly, S. Y.,** *see* Griffin, W. L.
1125 **O'Reilly, S. Y.,** *see* Guo, J.
1827 **Obata, M.,** *see* Takazawa, E.
1553 **Oliver, N. H. S., Bodorkos, S., Nemchin, A. A., Kinny, P. D. & Watt, G. R.** Relationships between Zircon U—Pb SHRIMP Ages and Leucosome Type in Migmatites of the halls Creek Orogen, Western Australia
957 **Pattou, L.,** *see* Lorand, J.-P.
1579 **Pearce, J. A., Kempton, P. D., Nowell, G. M. & Noble, S. R.** Hf—Nd Element and Isotope Perspective on the Nature and Provenance of Mantle and Subduction Components in Western Pacific Arc-Basin Systems
1011 **Pearson, D. G.,** *see* Turner, S. P.
705 **Pearson, N. J.,** *see* Griffin, W. L.
1089 **Pearson, N. J.,** *see* Neumann, E.-R.
451 **Peate, D. W., Hawkesworth, C. J., Mantovani, M. M. S., Rogers, N. W. & Turner, S. P.** Petrogenesis and Stratigraphy of the High-Ti/Y Urubici Magma Type in the Paraná Flood Basalt Province and Implications for the Nature of 'Dupal'-Type Mantle in the South Atlantic region
1673 **Pichavant, M.,** *see* Dall'Agnoll, R.
1321 **Pietruszka, A. J. & Garcia, M. O.** A Rapid Fluctuation in the Mantle Source and Melting History of Kilauea Volcano Inferred from the Geochemistry of its Historical Summit Lavas (1790—1982)
1465 **Pin, C.,** *see* Villaseca, C.
21 **Platt, J. P.,** *see* Soto, J. I.
1011 **Platt, J. P.,** *see* Turner, S. P.
549 **Preston, R. J., Dempster, T. J., Bell, B. R. & Rogers, G.** The Petrology of Mullite- bearing Peraluminous Xenoliths: Implications for Contamination Processes in Basaltic Magmas
167 **Price, R. C., Stewart, R. B., Woodhead, J. D. & Smith, I. E. M.** Petrogenesis of High-K Arc Magmas: Evidence from Egmont Volcano, North Island, New Zealand
1803 **Prosser, G.,** *see* Del Moro, A.

1399 **Purtscheller, F.,** *see* Miller, C.
1065 **Raith, M.,** *see* Sengupta, P.
423 **Reeves, S. J.,** *see* Vogel, D. C.
363 **Reginiussen, H.,** *see* Tegner, C.
1271 **Resmini, R. G.,** *see* Hort, M.
1747 **Robb, L. J., Armstrong, R. A. & Waters, D. J.** The History of Granulite-Facies Metamorphism and Crustal Growth from Single Zircon U—Pb Geochronology: Namaqualand, South Africa
363 **Robins, B.,** *see* Tegner, C.
549 **Rogers, G.,** *see* Preston, R. J.
451 **Rogers, N. W.,** *see* Peate, D. W.
79 **Russell, J. K.,** *see* Kopylova, M. G.
705 **Ryan, C, G.,** *see* Griffin, W. L.
679 **Ryan, C. G.,** *see* Griffin, W. L.
1445 **Rye, D. M.,** *see* Ague, J. J.
1827 **Saal, A.,** *see* Takazawa, E.
381 **Scaillet, B. & Evans, B. W.** The 15 June 1991 Eruption of Mount Pinatubo. I. Phase Equilibria and Pre-eruption P—T—fO_2—fH_2O Conditions of the Dacite Magma
1673 **Scaillet, B.,** *see* Dall'Agnoll, R.
279 **Schmincke, H.-E.,** *see* Widom, E.
1211 **Schumacher, J. C.,** *see* Kriegsman, L. M.
1399 **Schuster, R.,** *see* Miller, C.
1721 **Scoates, J. S.,** *see* Mattielli, N.
873 **Seedhouse, J. K.,** *see* Kerr, A. C.
1065 **Sen, J.,** *see* Sengupta, P.
1065 **Sengupta, P., Sen, J., Dasgupta, S., Raith, M., Bhui, U. K. & Ehl, J.** Ultra-high Temperature Metamorphism of Metapelite Granulites from Kondapalle, Eastern Ghats Belt: Implications for the Indo-Antarctic Correlation
1721 **Shimizu, N.,** *see* Mattielli, N.
1827 **Shimizu, N.,** *see* Takazawa, E.
279 **Shirey, S. B.,** *see* Widom, E.
133 **Siena, F.,** *see* Coltorti, M.
1089 **Simonsen, S. L.,** *see* Neumann, E.-R.
167 **Smith, I. E. M.,** *see* Price, R. C.
1271 **Smith, M. K.,** *see* Hort, M.
21 **Soto, J. I. & Platt, J. P.** Petrological and Structural Evolution of High-Grade Metamorphic Rocks from the Floor of the Alboran Sea Basin, Western Mediterranean
1891 **Sparks, R. S. J.,** *see* Matthews, S. J.
167 **Stewart, R. B.,** *see* Price, R. C.
475 **Stolper, E. M.,** *see* Asimow, P. D.
297 **Stolper, E. M.,** *see* Hirschmann, M. M.
831 **Stolper, E. M.,** *see* Hirschmann, M. M.
1509 **Student, J. J. & Bodnar, R. J.** Synthetic Fluid Inclusions XIV: Coexisting Silicate Melt and Aqueous Fluid Inclusions in the Haplogranite—H_2O—NaCl—KCl System
575 **Suhr, G.** Melt Migration under Oceanic Ridges: Inferences from Reactive Transport Medelling of Upper Mantle Hosted Dunites
1827 **Takazawa, E., Frey, F. A., Shimizu, N., Saal, A. & Obata, M.** Polybaric Petrogenesis of Mafic Layers in the Horoman Peridotite Complex, Japan
983 **Tate, M. C., Norman, M. D., Johnson, S. E., Fanning, C. M. & Anderson, J. L.** Generation of Tonalite and Trondhjemite by Subvolcanic Fractionation and Partial Melting in the Zarza Intrusive Complex, Western Peninsular Ranges Batholith, Northwestern Mexico
497 **Tatsumi, Y., Arai, R. & Ishizaka, K.** The Petrology of a Melilite—Olivine Nephelinite from Hamada, SW Japan
363 **Tegner, C., Robins, B., Reginiussen, H. & Grundvig, S.** Assimilation of Crustal Xenoliths in a Basaltic Magma Chamber: Sr and Nd Isotopic Constraints from the Hasvik Layered Intrusion, Norway
787 **Tepley III, F. J., Davidson, J. P. & Clynne, M. A.** Magmatic Interactions as Recorded in Plagioclase Phenocrysts of Chaos Crags, Lassen Volcanic Center, California
1527 **Thirlwall, M. F.,** *see* Lucassen, F.
873 **Thomson, B. A.,** *see* Kerr, A. C.
1613 **Tischendorf, G.,** *see* Förster, H.-J.
1613 **Trumbull, R. B.,** *see* Förster, H.-J.
1011 **Turner, S. P., Platt, J. P., George, R. M. M., Kelley, S. P., Pearson, D. G. & Nowell, G. M.** Magmatism Associated with Orogenic Collapse of the Betic—Alboran Domain, SE Spain
451 **Turner, S. P.,** *see* Peate, D. W.
629 **Ulmer, P.,** *see* Konzett, J.

935 **Upton, B. G. J., Hinton, R. W., Aspen, P., Finch, A. & Valley, J. W.** Megacrysts and Associated Xenoliths: Evidence for Migration of Geochemically Enriched Melts in the Upper Mantle beneath Scotland
133 **Upton, B. G. J.,** *see* Coltorti, M.
853 **Valley, J. W.,** *see* Gerdes, M. L.
935 **Valley, J. W.,** *see* Upton, B. G. J.
705 **Van Achterbergh, E.,** *see* Griffin, W. L.
339 **Vander Auwera, J.,** *see* Longhi, J.
653 **Verplanck, P. L., Farmer, G. L., McCurry, M. & Mertzman, S. A.** The Chemical and Isotopic Differentiation of an Epizonal Magma Body: Organ Needle Pluton, New Mexico
1465 **Villaseca, C., Downes, H., Pin, C. & Barbero, L.** Nature and Composition of the Lower Continental Crust in Central Spain and the Granulite—Granite Linkage: Inferences from Granulitic Xenoliths
423 **Vogel, D. C., Keays, R. R., James, R. S. & Reeves, S. J.** The Geochemistry and Petrogenesis of the Agnew Intrusion, Canada: a Product of S-undersaturated, high-Al and low-Ti Tholeiitic Magmas
315 **Volker, F.,** *see* Becker, H.
1187 **Walter, M. J.** Comments on 'Mantle Melting and Melt Extraction Processes beneath Ocean Ridges: Evidence from Abyssal Peridotites' by Yaoling Niu
1747 **Waters, D. J.,** *see* Robb, L. J.
1553 **Watt, G. R.,** *see* Oliver, N. H. S.
1721 **Weis, D.,** *see* Mattielli, N.
315 **Wenzel, T.,** *see* Becker, H.
413 **White, A. J. R., Chappell, B. W. & Wyborn, D.** Application of the Restite Model to the Deddick Granodiorite and its Enclaves–a Reinterpretation of the Observations and Data of Maas *et al.* (1997)
807 **Wickham, S. M.,** *see* Bindeman, I. N.
279 **Widom, E., Hoernle, K. A., Shirey, S. B. & Schmincke, H.-E.** Os Isotope Systematics in the Canary Islands and Madeira: Lithospheric Contamination and Mantle Plume Signatures
215 **Wolf, M. B.,** *see* London, D.
167 **Woodhead, J. D.,** *see* Price, R. C.
1089 **Wulff-Pedersen, E.,** *see* Neumann, E.-R.
413 **Wyborn, D.,** *see* White, A. J. R.
1497 **Yamashita, S.** Experimental Study of the Effect of Temperature on Water Solubility in Natural Rhyolite Melt to 100 MPa
199 **Zack, T.,** *see* Meyre, C.
511 **Zeck, H. P., Kristensen, A. B. & Nakamura, E.** Inherited Palaeozoic and Mesozoic Rb—Sr Isotopic Signatures in Neogene Calc-alkaline Volcanics, Alborán Volcanic Province, SE Spain